Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 18 Oct 2021 until 23:59 on Tuesday 19 Oct 2021

Forecast Issued on Monday 18 Oct 2021 at 02:29

Confidence: High for a series of Atlantic weather fronts crossing the area, but confidence lowering for the detail of timing and extent of worst conditions.

Headline for Monday 18 Oct 2021: Best brighter spells during the morning. Increasing chance of rain and drizzle from afternoon.

Mountain weather hazards on Monday 18 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Heavy Rain	Light rain	Drizzle	Fog	Fog
Precipitation probability					
10%	70%	40%	30%	20%	20%

Forecast for Monday 18 Oct 2021

Weather: Mostly dry initially with some brighter spells. Soon cloud thickening and lowering bringing a spell of heavy rain by the end of the morning, then light rain and drizzle into the afternoon. Remaining dull with patchy rain and perhas some drizzle during the evening.

Chance of cloud free mountain/hill tops above 600m: Initially 80% becoming 20% by mid morning.

Visibility: Good becoming moderate or poor in rain and drizzle, very poor in hill fog specially later in the day as bases become quite extensive from 450-600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 18 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/29 S	22/33 S	24/33 S	22/29 S	20/27 SW	17/24 SW	16/22 SW
300	15/24 S	19/29 S	18/25 S	16/24 S	13/21 S	10/18 S	9/16 SW
Valley	5/18 SE	9/23 S	9/23 S	10/23 S	9/21 S	6/18 S	6/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	11/7	11/7	12/9	13/10	12/10	12/9
300	11/8	12/8	13/10	14/12	15/13	15/13	13/12
Valley	10/9	12/10	14/12	15/13	15/14	14/14	13/13
Freezing Level*	2800m	3000m	3400m	3000m	2700m	2800m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some difficult navigation today with quite extensive hill fog.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 17 Oct 2021	0mm	0mm	5.6mm

Forecast for Tuesday 19 Oct 2021

Weather: Predominantly cloudy with showers or longer periods of rain, which may turn heavy at times from mid morning However also some limited brighter interludes may develop.

Maximum wind: South to Southwest increasing 20-25mph from mid-morning, with gusts 35mph over most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 25%

Visibility: Moderate or poor in rain or showers, very poor in hill fog with bases quite extensive from 450-600m.

Temperature: **Valleys:** Plus 8 Celsius increasing 19 Celsius during the afternoon
At 600m: Plus 13 Celsius
Freezing level: Above all summits

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